

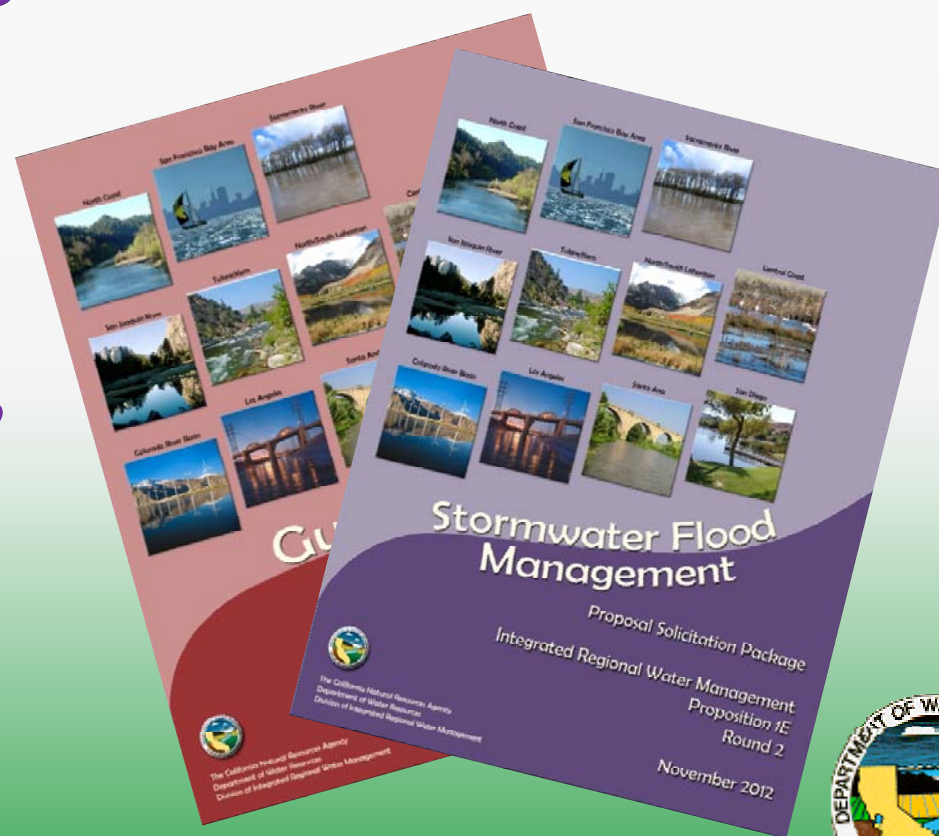
# Proposition 1E

## Stormwater Flood Management

### Grant Program: Round 2

**Applicant  
Workshops**  
**December 18 & 19,  
2012**

**Department of Water  
Resources**



# Workshop Agenda

- Welcome/Introductions
- PSP Overview
- Application Process
  - Getting Started –BMS/GRANTS
  - Eligibility Requirements
- ☪☪☪*Break*☪☪☪
  - Proposal Evaluation
- Questions & Answers
  - PSP and Program Related Questions
  - BMS
  - Benefits and Cost Analysis



# Available Funding

- Round 2 - \$92 Million
  - No funding targets
  - \$30 million per project
  - Funding Match - 50% minimum/  
project
  - Multiple projects in one application
  - Eligible Entity can submit more than  
one application



# Funding Status

- Proposition 1E: \$300M
  - Program Delivery & Bond Admin = \$25.5M
  - Pajaro River Flood Control = \$5M
  - Round 1 = \$177.7M, Round 2 = \$91.8M
  - Remaining Balance: \$0

# Who may apply?

- Local Public Agencies
- Non-Profit Organizations – 501(c)(3)
- Defined in 2012 guidelines *page 31*



# Submittal

- Electronically - DWR's Bond Management System (BMS)
- Four (4) hard copies
- To DWR before 5 p.m., February 1, 2013.



# Eligible Project Types

- Projects MUST be:
  - Designed to manage stormwater runoff to reduce flood damage
  - Not part of the State Plan of Flood Control (SPFC)
  - Provide Multiple Benefits
  - Consistent with an adopted IRWMP
  - Comply with applicable Regional Water Quality Plans (Basin Plans)







# Application

- Getting Started – BMS/GRanTS
- Eligibility Requirements – Table 2 and Attachments 1, 2, and 10
- Project Evaluation – Attachments 3-9



# Getting Started/BMS GRanTS

**Bond Management System (BMS)/Grants Review and Tracking System (GRanTS)**

**LINKS**

- Sign In
- For information regarding BMS/GRanTS, please call (888) 907-4267 or email [GRanTSadmin@water.ca.gov](mailto:GRanTSadmin@water.ca.gov)

**BMS GRanTS**

What is BMS/GRanTS? | BMS/GRanTS Vision | **Getting Started** | Help

DWR staff can visit the Project Services Office website at <https://psd.water.ca.gov/> for training guide information.

**NEW!** The [BMS Public User Guide](#) provides step-by-step instructions for using BMS/GRanTS. Answers to common questions can be found in the [Frequently Asked Questions](#).

View the [Registration](#) and [Completing a Grant Application](#) videos for additional help. *NOTE: These v updated to match the recent changes in the system.*

Still need help? Contact a BMS/GRanTS Administrator with your questions at (888) 907-4267 or [GRanTSadmin@water.ca.gov](mailto:GRanTSadmin@water.ca.gov).

<http://www.water.ca.gov/bms/#>

**Sign In**

**BMS website:** [www.water.ca.gov/bms](http://www.water.ca.gov/bms) use Internet Explorer

**Note:** BMS changing its name to Grants Review and Tracking System (**GRanTS**)



# Getting Started BMS/GRanTS

- Login BMS- Click on New Solicitations
- Select “**Prop 1E R2 Stormwater Flood Management**” from the PSPs list
- Prop 1E Application includes four Tabs:
  - Application Information
  - Projects
  - Applicant Information Question
  - Application Attachments
- All Tabs must be completed



# Getting Started BMS/GRanTS



[Home](#) [PSPs](#) [Projects](#) [Contracts](#) [Organization Admin](#)

[Home](#) | [My Profile](#) |

Applicant Info

Projects

Applicant Information Question Tab

Application Attachments Tab

## Applicant Information

### APPLICANT INFORMATION

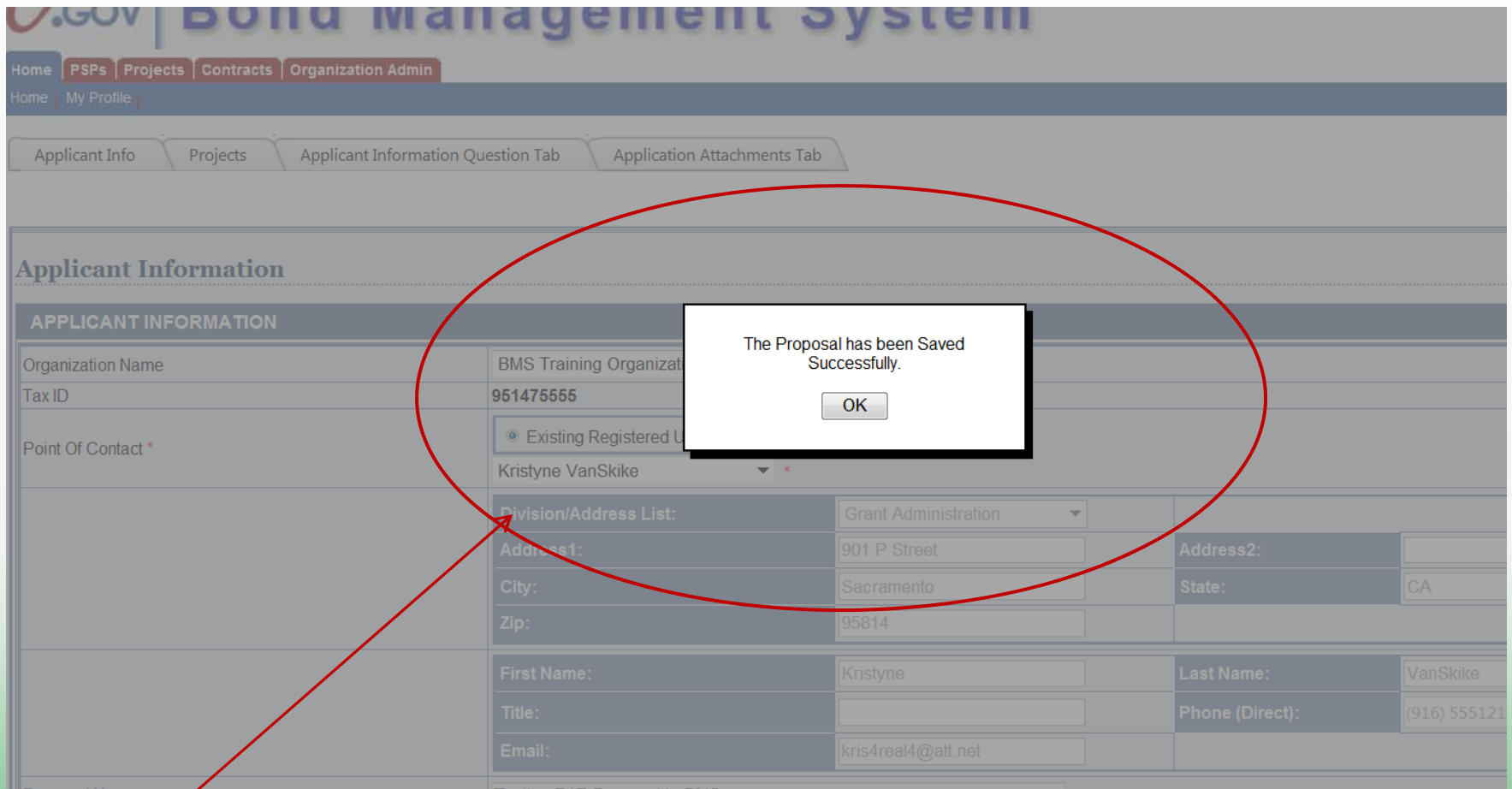
Organization Name	Please Select ▼ *
Tax ID	
Point Of Contact *	<input type="radio"/> Existing Registered Users <input type="radio"/> Add New User
Proposal Name	
Proposal Objective	

### BUDGET

Other Contribution	
Local Contribution	

\*PSP pages 10-13 (Table 2-Grant Applicant Checklist)

# Saving Proposal

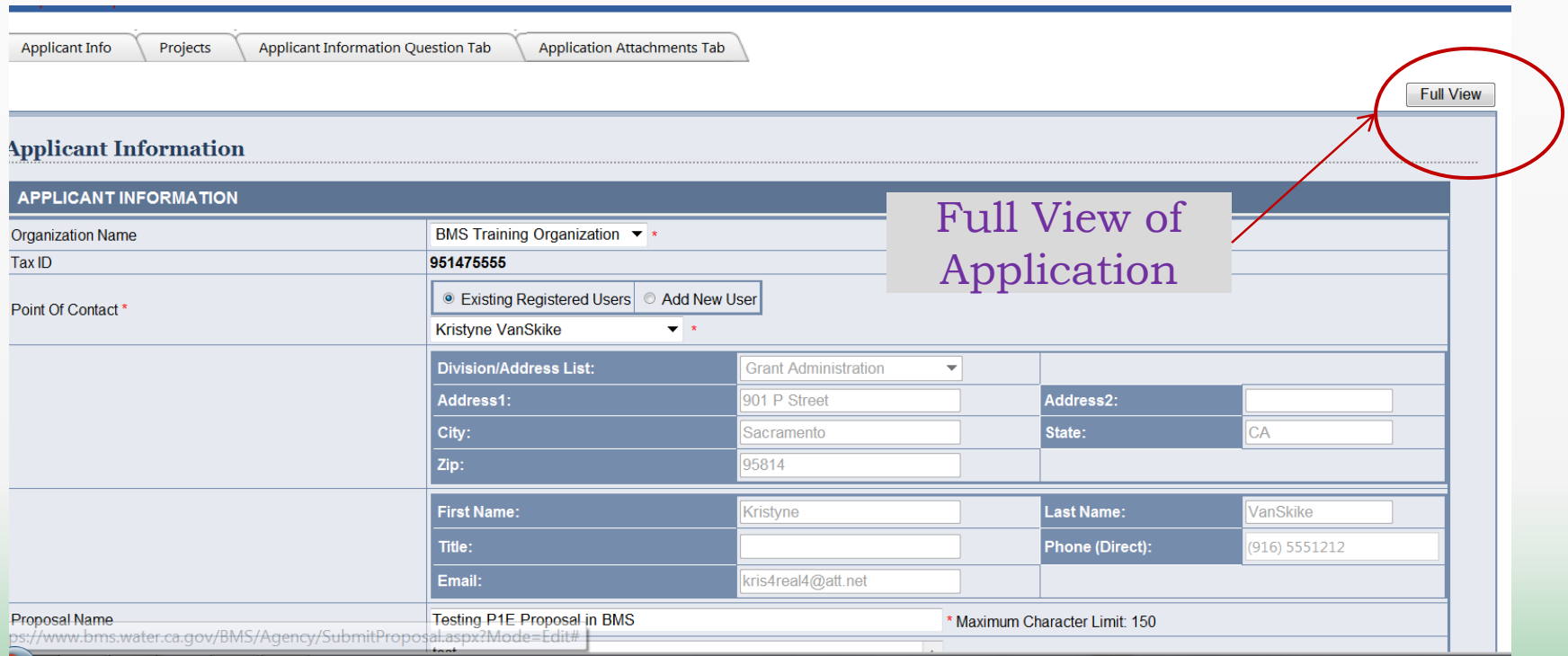


The screenshot shows the 'Applicant Information' form in the BMS Training Organization system. A red oval highlights a white modal box with the message 'The Proposal has been Saved Successfully.' and an 'OK' button. A red arrow points from the bottom left of the slide to the 'Division/Address List' dropdown menu. The form fields are as follows:

APPLICANT INFORMATION			
Organization Name	BMS Training Organization		
Tax ID	951475555		
Point Of Contact *	<input checked="" type="radio"/> Existing Registered User		
	Kristyne VanSike		
Division/Address List:	Grant Administration		
Address1:	901 P Street	Address2:	
City:	Sacramento	State:	CA
Zip:	95814		
First Name:	Kristyne	Last Name:	VanSike
Title:		Phone (Direct):	(916) 555121
Email:	kris4real4@att.net		

**Note: If you do not see this message, your proposal has not been saved in BMS.**

# Getting Started BMS/GRanTS



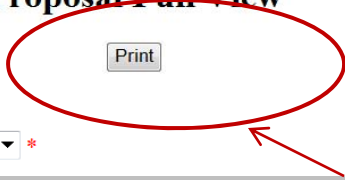
The screenshot shows the 'Applicant Information' section of the BMS/GRanTS application. At the top, there are four tabs: 'Applicant Info', 'Projects', 'Applicant Information Question Tab', and 'Application Attachments Tab'. The 'Applicant Information' tab is active. In the top right corner of the form, a 'Full View' button is circled in red, with a red arrow pointing to it from a text box that says 'Full View of Application'. The form contains the following fields:

APPLICANT INFORMATION				
Organization Name	BMS Training Organization *			
Tax ID	951475555			
Point Of Contact *	<input checked="" type="radio"/> Existing Registered Users <input type="radio"/> Add New User			
	Kristyne VanSike *			
	Division/Address List:	Grant Administration		
	Address1:	901 P Street	Address2:	
	City:	Sacramento	State:	CA
	Zip:	95814		
	First Name:	Kristyne	Last Name:	VanSike
	Title:		Phone (Direct):	(916) 5551212
	Email:	kris4real4@att.net		
Proposal Name	Testing P1E Proposal in BMS			

ps://www.bms.water.ca.gov/BMS/Agency/SubmitProposal.aspx?Mode=Edit#

\* Maximum Character Limit: 150

# Getting Started BMS/GRanTS

**Proposal Full View**  


**Applicant Information**  
Organization Name  
Tax ID  
Proposal Name  
Proposal Objective

BMS Training Organization ▼ \*

951475555

Testing P1E Propos

test \*

**Print Application**

**Budget**  
Other Contribution  
Local Contribution  
Federal Contribution  
Inkind Contribution  
Amount Requested  
Total Project Cost

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

**Geographic Information**  
Latitude \*  
Longitude \*  
Longitude/Latitude Clarification  
County  
Ground Water Basin  
Hydrologic Region  
Watershed

DD(+/-)1

MM0

SS0

DD(+/-)1

MM0

SS0

Location

Humboldt \*

Alturas Area-Warm Springs Valley

Colorado River

**Legislative Information**

# Application Information Tab

- General information
- Applies to applicant and overall proposal
- Overall Proposal budget
  - Total grant amount requested, funding match, in-kind contribution, etc.
- Geographic Information
- Legislative Information





# Application Information Tab



Home PSPs Projects Contracts Organization Admin

Home My Profile

Applicant Info

Projects

Applicant Information Question Tab

Application Attachments Tab

## Applicant Information

### APPLICANT INFORMATION

Organization Name

Please Select

Tax ID

Point Of Contact \*

☐ Existing Registered Users

☐ Add New User

Proposal Name

Proposal Objective

### BUDGET

Other Contribution

Local Contribution

Select: "Existing Registered Users"

Do Not Select: "Add New Users"

# Application Information Tab

Applicant Info Projects Applicant Information Question Tab Application Attachments Tab

## Applicant Information

APPLICANT INFORMATION			
Organization Name	BMS Training Organization *		
Tax ID	951475555		
Point Of Contact *	<div><input checked="" type="radio"/> Existing Registered Users <input type="radio"/> Add New User</div> <div>Kristyne VanSike *</div>		
Division/Address List:		Grant Administration	
Address1:		901 P Street	Address2:
City:		Sacramento	State:
Zip:		95814	
First Name:		Kristyne	Last Name:
Title:			Phone (Direct):
Email:		kris4real4@att.net	
Proposal Name	Testing P1E Proposal in BMS * Maximum Character Limit: 150		

" Existing Registered User" Selected

Do Not Select:  
"Add New Users"

\*Please Contact BMS Help Desk with any questions.

\*See PSP Page 10 on Point of Contact.

# Projects Tab

- Detailed information about the project(s) contained in the Proposal
  - project name, project objectives, project budget, etc
- Each Project in the Proposal should be detailed on a separate Project
- You may generate as many Projects as are necessary

*PSP Pages 11-12*



# Projects Tab

The screenshot shows a web application interface with four tabs: 'Applicant Info', 'Projects', 'Applicant Information Question Tab', and 'Application Attachments Tab'. The 'Projects' tab is active. Below the tabs, there is a header section with the word 'Projects' on the left and a grey button labeled 'Add Project' on the right. Below the header, there is a table area. The first row of the table has a blue link 'Add New' on the left and a box containing the text 'No Records Found' on the right. A red circle is drawn around the 'Add New' link, and a red arrow points from the 'Add Project' button to the 'Add New' link.

Applicant Info Projects Applicant Information Question Tab Application Attachments Tab

**Projects** Add Project

[Add New](#) No Records Found

# Projects Tab


Applicant Info Projects Applicant Information Question Tab Application Attachments Tab

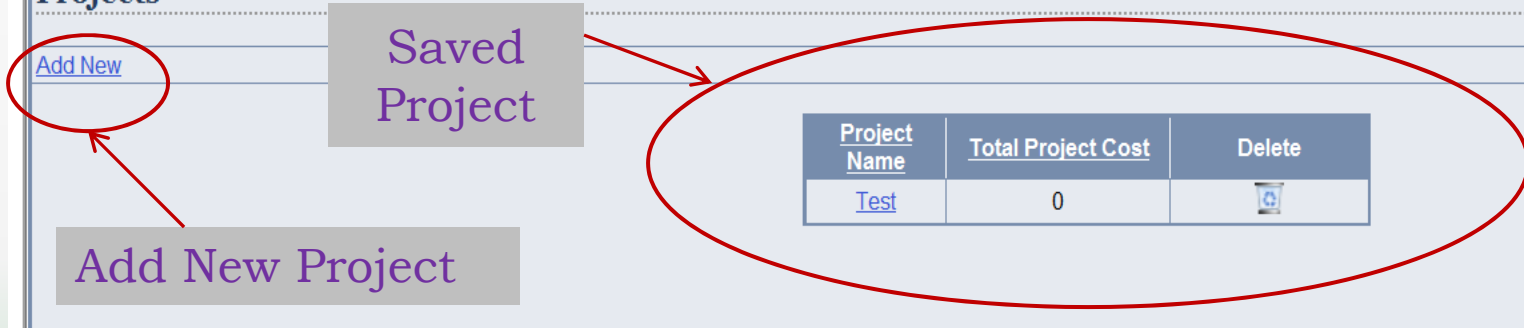
**Projects**

[Add New](#)

Saved Project

Add New Project

Project Name	Total Project Cost	Delete
<a href="#">Test</a>	0	



The diagram illustrates the process of adding a new project. A red arrow points from the 'Add New Project' button to the 'Add New' link. Another red arrow points from the 'Saved Project' label to the table containing the project details.

# Projects Tab

Project Description (Maximum Character Limit: 2000 characters)			
Project Objective (Maximum Character Limit: 500 characters)			
<b>PROJECT BENEFITS INFORMATION</b>			
<a href="#">Add Benefit</a>			
<b>ADD BENEFIT TYPE</b>			
Benefit Level	--Select One-- ▼	Benefit Type	--Select One-- ▼
	Description	<input type="text"/>	Measurement
		<input type="button" value="Save Benefit"/>	<input type="button" value="Cancel"/>

\*Please Do NOT enter any information in “Project Benefits Information” Section (PSP page12)

# Projects Tab

Home PSPs Projects Contracts Organization Admin

Home | My Profile |

Applicant Info

Projects

Applicant Information Question Tab

Application Attachments Tab

## Project Information

Project Name (Maximum Character Limit: 125 characters)

Implementing Organization

--Select Implementing Organization--

Secondary Implementing Organization (Maximum Character Limit: 125 characters)

Proposed Start Date

- Select a date -



Proposed End Date

- Select a date -



Character Limit: 125

Scope Of Work (Maximum Character Limit: 500 characters)

Project Description (Maximum Character Limit: 2000 characters)

Project Objective (Maximum Character Limit: 500 characters)

# Projects Tab

Home PSPs Review Projects Contracts

Home My Profile


Applicant Info Projects Section 1: General Info Section 2.1.1 - Adv Mit (IRT) Section 2.1.2 - Adv Mit (Other) 3.1.1 - Adv Cons (approved NCCP)

Full View

### Project Information

Project Name (Maximum Character Limit: 125 characters)	<input type="text"/>
Implementing Organization	--Select Implementing Organization--
Secondary Implementing Organization (Maximum Character Limit: 125 characters)	<input type="text"/>
Proposed Start Date	- Select a date -
Proposed End Date	- Select a date -
Scope Of Work (Maximum Character Limit: 500 characters)	Test 2012Test 2012Test 2012Test 2012Test 2012Test 2012Test 2012Test 2012Test 2012Test 2012Test 2012Test 2012Test 2012Test 2012
Project	
Project	

Message from webpage

 Maximum Character limit for Scope of Work is 125.

OK



# Applicant Information Question Tab

- Used in processing the application and determining eligibility
- All 19 questions must be answered
  - Note: Answer “NA” if a question does not apply to your proposal
- Note the character limit for each question



# Application Attachments Tab

- 10 attachments
  - all attachments are mandatory(see *PSP pages 13 – 14*)
- Document name:
  - use the naming convention found in Section V.A of the PSP
- MS Word, MS Excel, MS Project, or PDF
- Upload limit :50 MB for each file
  - limit each file size to 20 MB for speed of upload



# Application Attachments Tab

Applicant Info Projects Applicant Information Question Tab Application Attachments Tab

## APPLICATION ATTACHMENTS

### ATTACHMENT 1: AUTHORIZATION AND ELIGIBILITY REQUIREMENTS

Upload Authorization and Eligibility documentation here. Ensure file name is correct.

**?** Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

(Upload Limit: 50 MB each). File Name Limit:50 Characters. Last Uploaded Attachments :

File Name	Size	Remove
<input type="text"/>		<input type="button" value="Select"/> <input type="button" value="Remove"/>

To delete one or more uploaded files, check the 'Delete' check-box(s) next to the file name(s) and click Save

Upload additional Authorization and Eligibility documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

(Upload Limit: 50 MB each). File Name Limit:50 Characters. Last Uploaded Attachments :

File Name	Size	Remove
<input type="text"/>		<input type="button" value="Select"/> <input type="button" value="Remove"/>

First upload field is mandatory

# Application Attachments Tab

## ATTACHMENT 1: AUTHORIZATION AND ELIGIBILITY REQUIREMENTS

Upload Authorization and Eligibility documentation here. Ensure file name is consistent with



Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character

(Upload Limit: 50 MB each). File Name Limit:50 Characters. Last Uploaded Attachments :

File Name	Delete
1) SWFM_PSP_Round2_2012_FINAL.pdf	<input type="checkbox"/>
2) SWFM_PSP_Round2_2012_FINAL.pdf	<input type="checkbox"/>
3) SWFM_PSP_Round2_2012_FINAL.pdf	<input type="checkbox"/>
4) SWFM_PSP_Round2_2012_FINAL.pdf	<input type="checkbox"/>
5) SWFM_PSP_Round2_2012_FINAL.pdf	<input type="checkbox"/>

up to 5 files can be  
uploaded to each  
upload field

To delete one or more uploaded files, check the 'Delete' check-box(s)  
next to the file name(s) and click Save

Upload additional Authorization and Eligibility documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

(Upload Limit: 50 MB each). File Name Limit:50 Characters. Last Upload

Additional upload  
field (optional)

To delete one or more uploaded files, check the 'Delete' check-box(s)  
next to the file name(s) and click Save

# Saving Proposal

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	Kristyne VanSike		
Division/Address List:	Grant Administration		
Address1:	901 P Street	Address2:	
City:	Sacramento	State:	CA
Zip:	95814		
First Name:	Kristyne	Last Name:	VanSike
Title:		Phone (Direct):	(916) 555121
Email:	kris4real4@att.net		

**Note: If you do not see this message, your proposal has not been saved in BMS.**

# **BMS/GRanTS Assistance**

Contact BMS/GRanTS administration:

- phone: (888) 907-4267
- e-mail : [grantsadmin@water.ca.gov](mailto:grantsadmin@water.ca.gov)

# Eligibility Requirements - Attachments 1, 2, 10 and Table 2

- **Authorizing Document** – submit Resolution with application Attachment 1 (*PSP page 15*)
- **Eligible Entity** – Public Agency or Non-Profit Organization - Attachment 1 (*PSP page 16*)

**IRWM Plan** - Questions 5 and 7 (*PSP pages 12-13*), and Attachment 1 and 2 (*PSP page 16*)

- Project(s) must be consistent with IRWM
- Provide Proof
  - Project(s) part of Adopted Plan or
  - Projects vetted through IRWM process



# Eligibility Requirements (continued)

## ■ Urban Water Supplier –

- Water Conservation (AB1420) and Water Meter compliance - Q 9 and 11 (*PSP page 13*), and Attachment 10 (*PSP pages 20-21*) more info available at <http://www.water.ca.gov/wateruseefficiency/finance/>
- Urban Water Management Plan (UWMP) – Verified by DWR before Grant Agreement Executed - Question 1 (*PSP page 13*), and Attachment 10 (*PSP pages 20 – 21*)





# Eligibility Requirements (continued)

- **Agricultural Water Management Plan (AWMP)** Questions 14-15 (*PSP page 13*)
- **Surface Water Divorter** Questions 16-17 (*PSP page 13*)
- **Groundwater Project/User/Impacts**  
Questions 12-13, 18-19 (*PSP page 13*) and Attachments 1 (*PSP page 15 -16*) and 10 (*PSP pages 20-21*) Also see 2012 guidelines *pages 16-17*
  - Groundwater Management Plan (GWMP)
  - CASGEM



# Eligibility Requirement (continued)

- **Not be part of the SPFC** *see Page 16 of the 2012 Guidelines*
  - 2012 Guidelines *(page 17)*
  - Descriptive Document:  
<http://www.water.ca.gov/cvfmp/documents.cfm>



# BREAK

# Proposal Evaluation

## Attachments 3-9

- 3. Work Plan – 15  
*Points*
- 4. Budget – 5  
*Points*
- 5. Schedule – 5  
*Points*
- 6. Monitoring,  
Assessment...  
– 5 *Points*
- 7. Technical  
Justification...  
10 *Points*
- 8. Benefits and Cost  
Analysis – 30  
*Points*
- 9. Program  
Preferences – 10  
*Points*

Maximum points  
available - **80**



# Proposal Evaluation - Work Plan

## Attachment 3

- Introduction – Goals and Objectives
- Proposed Work – Detailed Tasks explaining each step in the process (including permitting, CEQA)
- Tasks must be consistent with Attachments 4 (Budget) and 5 (Schedule)
- Maps and Figures
- Work plan Guidance Exhibit A *(pages 27- 29)*



# Budget - Attachment 4

- Consistent with Work Plan & Schedule
- Limit Lump Sums
- Give Personnel Classification and Hourly Rate
- Pay attention to % Admin.
- Check Your Numbers!!



## **Budget - Attachment 4** ***(continued)***

- Assume August 15, 2013 as the grant award date
- See PSP *(pages 22-23)* for scoring criteria and Exhibit B *(pages 30-33)* for detailed guidance on preparation of the budget
- See 2012 guidelines *(page 33)* for guidance on eligible costs

## Schedule – *Attachment 5*

- Schedule by task
- Be consistent with Work Plan and Budget
- Include realistic timelines for permitting, CEQA
- See PSP *page 17*





# Monitoring Assessment & Performance Measures - Attachment 6

- Project goals
- Desired outcomes
- Targets
  - Measurable
  - Feasible
  - Meet during life of project(s)
- Performance indicators
- Measurement tools and methods



# Technical Justification of Projects – *Attachment 7*

- Describe Project Benefits
  - Provide a summary of Physical Benefits-  
(see PSP *pages 35-36*)
  - Narrative description of physical benefits  
of the project (formerly included in WP)
  - Where appropriate - Annual Physical  
Benefits (*PSP pages 35-36 and sample Table 7 PSP  
page 36*)



# Sample Table 7 for FDR

Sample Table 7 – Annual Project Physical Benefits			
Project Name: _____ Joes Drain _____			
Type of Benefit Claimed: Flood damage reduction			
Measure of Benefit Claimed (Name of Units): Multiple measures, see below			
Additional Information About this Measure: For the 1 in 20 year event, beginning in 2014			
(a)	(b)	(c)	(d)
Measure of Benefit Claimed	Physical Benefits		
	Without Project	With Project	Change Resulting from Project (b) – (c)
Area flooded, acres	100	80	20
Number structures flooded	25	20	5
Residential	15	12	3
Commercial	10	8	2
Square footage of structures flooded	42,000	28,000	14,000
Residential	25,000	14,000	11,000
Commercial	17,000	14,000	3,000
Duration of flooding, days	4	3	1
Comments:			

# Sample Table 7

*(benefits other than FDR)*

Table 7 – Annual Project Physical Benefits			
Project Name: _____			
Type of Benefit Claimed: _____			
Measure of Benefit Claimed (Name of Units): _____			
Additional Information About this Measure: _____			
(a)	(b)	(c)	(d)
Year	Physical Benefits		
	Without Project	With Project	Change Resulting from Project (b) – (c)
2012			
2013			
2014			
Etc			
Last Year of Project Life			
Comments: _____			

# Technical Justification of Projects

## *(continued)*

- Provide Technical Justification
  - Technical basis for the project
  - Capability of yielding physical benefits claimed
  - Other supporting documentation

# Technical Justification of Projects (continued)

- We will NOT be scoring the magnitude of benefits presented in Attachment 7
- Further guidance in PSP Exhibit C (*PSP pages 34-36*)
- Presented Benefits must be consistent with Benefits and Costs Analysis



# Program Preferences -

## *Attachment 9*

- How proposal assists in meeting Program Preferences and Statewide Priorities (2012 Guidelines *Page 12-13*)
- Claimed program preferences clearly result of implementing project
- Document the breadth and magnitude



# **Benefits and Cost Analysis -**

## ***Attachment 8***

### **Basic Principles for Analysis**

- Evaluate with and without Project
- Be consistent;
  - Use consistent assumptions for all projects
  - Consistent with Attachment 7
  - Be consistent with historical record
- Include all costs, not just grant funded portion





## **Basic Principles for Analysis** *(continued)*

- Analysis Period (planning horizon) must equal construction period plus project life
- Use 6 percent to discount future real costs, benefits
- Show all costs and benefits in year 2012 dollars
- Real costs or benefits can trend over time if documented
- Don't double count

## **Section D1: Flood Damage Reduction Additional Principles**

- Flood damage reduction based on existing and *planned development*.
- Do not claim flood damage reduction for future land development in floodplain enabled by the project.
- Must include valid hydrologic design parameters
- Include the full range of events in which the project provides benefits

# Section D1. Flood Damage Reduction (FDR) Benefits *(Page 39-40)*

- Avoided Costs
  - Replacement (buildings, contents, and infrastructure)
  - Emergency response
  - Loss of use
  - Clean-up
  - Land restoration
- Expected annual damage (EAD) reflects:
  - Dollar damage for possible events
  - Probability of the events
  - Probability of structural failure (if applicable)



# Section D1: Example EAD Calculation

EAD is NOT the sum of the exceedance Prs times the event damages.

EAD is the sum of the interval Prs times the average damage in each interval summed over the intervals

Exceedance Probability	Event Damages		Reduction in Event Damages
	Without Project	With Project	
10.0%	\$100,000	\$0	\$100,000
6.7%	\$300,000	\$0	\$300,000
5.0%	\$600,000	\$0	\$600,000
4.0%	\$800,000	\$800,000	\$0

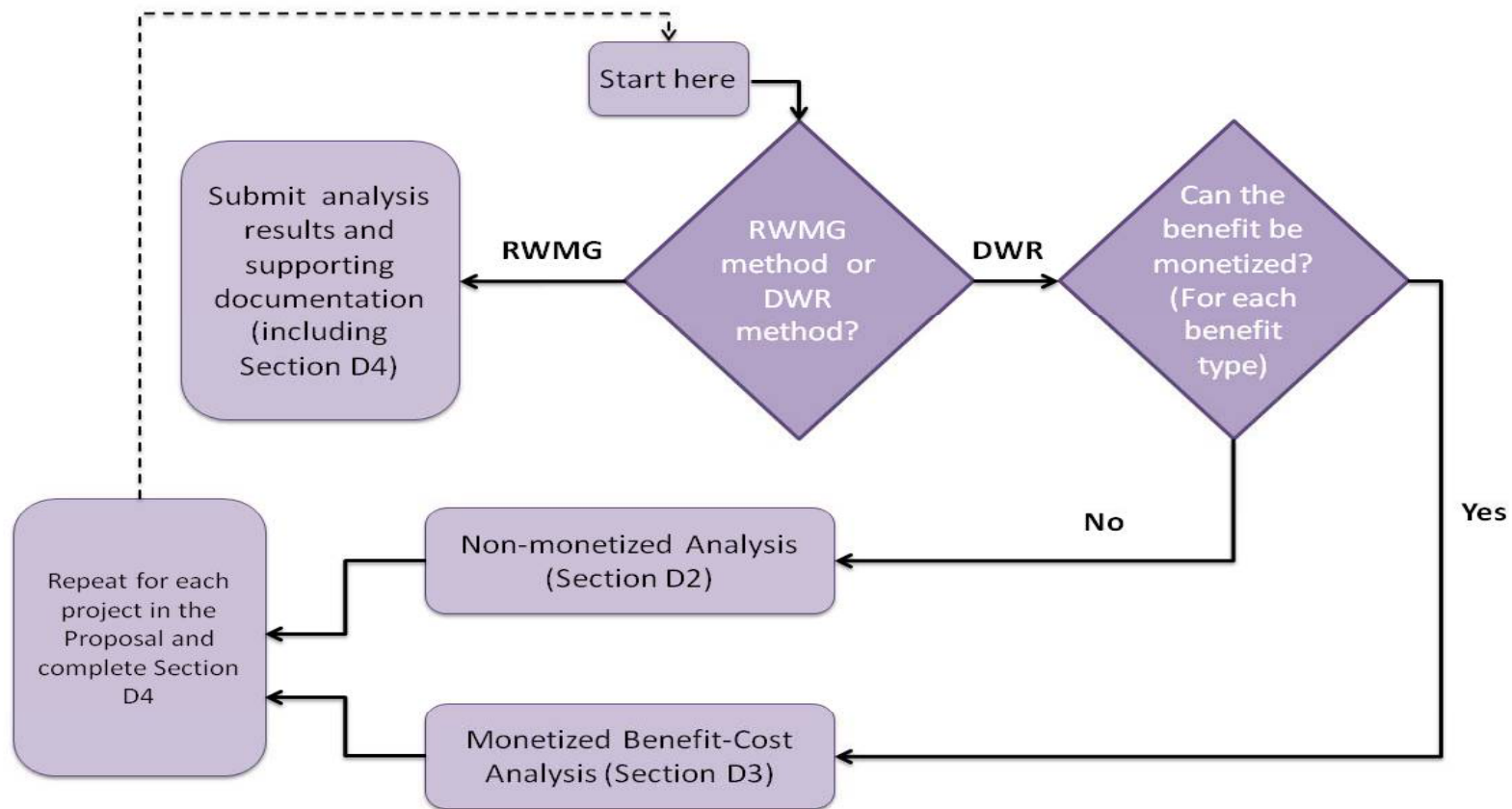
$$\text{EAD}(\$000) = (0.1 - 0.067) * (300 + 100) / 2 + (.067 - .05) * (600 + 300) / 2 + (.05 - .04) * (0 + 600) / 2$$

Interval probabilities

Average change in damages over interval



**Every SWFM project must provide Flood Damage Reduction benefits and complete section D1. For all other benefit types:**



# Section D2. Non-Monetized Benefit Analysis *(Page 44)*

- Table 13 – Non-Monetized Benefits Checklist
- Community/Social
  - Education, technology, recreation, conflict resolution, health and safety
- Environmental Stewardship
  - Those not quantified in Attachment 7 or D3
- Sustainability
  - Reduce unsustainable use, permanence, reduced uncertainty



## **Section D2**

### **Benefits Principles Apply**

- Don't double-count with benefits reported in D1 or D3
- Compare to without-project future
- Don't operate project in different ways at the same time to obtain multiple benefits
- Transfers to a local area from other Californians are not State benefits
- Documentation using historical documents is best

# Section D3. Monetized Benefit Analysis *(Page 47)*

- Benefits principles:
  - Monetary benefits are willingness-to-pay less all associated costs, but not project costs
  - For most goods, willingness-to-pay is price
  - Cost savings are generally benefits unless the cost savings are transfers among Californians
  - Net revenues and avoided damages are generally benefits
  - Do not include employment and income changes as economic benefits in Section D3





## Section D3 - Ways to Estimate Water Supply Benefits

- Reduced or avoided cost of an existing supply (Table 14, page 49)
- Increased net revenue from water sales allowed if any changes in sales elsewhere in California are assessed (Table 14)
- Value of reduced shortage cost if other supplies are not available without the project (Table 14)
- Avoided cost of alternative project: Table 15



# Other Common Section D3 Benefits

- Reduced non-point source pollution from stormwater
- Reduced erosion
- Stream habitat benefits from reduced sediment/chemical load
- Habitat and recreation benefits associated with land use



## **Section D3 other benefits are typically**

- Avoided cost of another project or action that provides similar benefit
- Water treatment or wastewater treatment cost savings
- Reduced sediment management costs
- Revealed willingness to pay
- Salinity reduction benefits

# Section D4. Project Benefits and Cost

## Summary (Page 52)

- Table 16 must be completed for each project
- Table 16 provides all economic costs
- Table 17 – Proposal Benefits and Costs Summary
  - Provides a summary of the entire proposal including net present value of costs and quantified benefits



## Section D4: Table 16

- **Cost to be included**
  - All capital, O&M, and future replacement
  - All associated costs (needed to achieve benefits)
  - Include current market value (opportunity cost) of any resources (land, volunteer labor) committed to the project, even if they were purchased in the past
  - If there is no current market value (sunk cost) do not include it



# Attachment 8 Scoring Criteria

- Maximum score 30 points
- Based on the magnitude of all benefits relative to all costs, and quality of analysis.
- Magnitude includes both monetized and non-monetized benefits
- Are the costs and benefits claimed supported with clear and complete documentation?



## **Attachment 8 Scoring Criteria** ***(continued)***

- Is the benefit analysis appropriate considering the size of the project and the type of benefit claimed?
- Points may be reduced if the benefits described could readily be quantified in dollar terms and the applicant did not monetize the benefits.

# Solicitation Schedule

- November 29, 2012 – Final 2012 Guidelines and Round 2 PSP released
- December 5, 2012 – BMS/GRanTS application available
- December 18 and 19, 2012 - Applicant Workshops
- February 1, 2013 - 5:00 p.m. - Applications Due
- June 2013 (tentative) - Draft funding recommendations
- August 2013 (tentative) – Final Awards announced





# **Round 2 IRWM Implementation Solicitation Schedule**

- Approximately \$131 million
- January 18, 2013 – Online application (BMS) available
- February 12 and 14, 2013 - Applicant Workshops
- March 29, 2013 - 5:00 p.m. - Applications Due
- July/August 2013 (tentative) - Draft funding recommendations
- October 2013 (tentative) – Final Awards announced

# Contacts

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# Questions & Answers

- Topics
  - General PSP or Program Questions
  - BMS
  - Benefits and Costs Analysis

